

EAST Search History

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|-----|----|-----------|---|----|----|------------------|
| L10 | 70 | "4654754" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 16:37 |
| L11 | 49 | "4782893" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 16:37 |
| L12 | 29 | "4842911" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 16:38 |
| L13 | 51 | "4685987" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 16:38 |
| L14 | 54 | "4602678" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 16:39 |
| L15 | 77 | "4869954" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 16:39 |
| L16 | 36 | "4965699" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 16:40 |
| L17 | 43 | "4974119" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 16:40 |
| L18 | 44 | "4979074" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 16:40 |
| L19 | 85 | "5060114" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 16:41 |

EAST Search History

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| L20 | 30 | "5137959" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 16:41 |
| L21 | 31 | "5151777" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 16:42 |
| L22 | 45 | "5194480" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 16:42 |
| L23 | 63 | "5213868" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 16:42 |
| L24 | 56 | "5298791" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 16:44 |
| L25 | 27 | "5309320" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 16:44 |
| L26 | 36 | "5321582" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 16:44 |
| L27 | 36 | "5510174" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 16:45 |
| L28 | 59 | "5545473" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 16:45 |
| L29 | 49 | "5533256" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 16:45 |

EAST Search History

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| L30 | 62 | "5471027" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 16:45 |
| L31 | 42 | "5679457" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 17:08 |
| L32 | 703 | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 17:09 |
| L33 | 12159 | (second 2nd) with (heat near sink heatsink heat near spreader) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 17:10 |
| L34 | 110 | 32 and 33 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 17:32 |
| L35 | 3231195 | Alumina aluminum near Oxide Al\$10\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 17:33 |
| L36 | 695686 | 35 with alloy | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 17:33 |
| L37 | 7202 | 36 with filler | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 17:33 |
| L38 | 110 | 37 and (PCM phase near change) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 17:37 |
| L39 | 6789270 | aluminum Al copper Cu silver Ag tin graphite | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 17:38 |

EAST Search History

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| L40 | 78922 | 39 same filler | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 17:39 |
| L41 | 2236 | 40 and (heat near sink heatsink) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 17:40 |
| L42 | 255 | 41 and (phase near change) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 17:41 |
| L43 | 37 | 41 and PCM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 17:40 |
| L44 | 10443 | low near melting near point with metal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 17:52 |
| L45 | 16 | 42 and 44 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 18:57 |
| L46 | 2 | "20020000239" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 21:24 |
| L47 | 2795 | (1st first) near (heat adj sink heatsink heat adj spreader) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 19:28 |
| L48 | 2660 | (2nd second) near (heat adj sink heatsink heat adj spreader) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 19:29 |
| L49 | 1620 | 47 and 48 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 19:29 |

EAST Search History

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| L50 | 3978 | thermal near interface | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 19:29 |
| L51 | 117 | 49 and 50 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 19:35 |
| L52 | 17 | 51 and (PCM phase adj change) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 19:30 |
| L53 | 51 | "5931222" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 21:37 |
| L54 | 670 | 50 and (PCM phase near change) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 21:38 |
| L55 | 97988 | heat near sink heat near spreader | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 21:39 |
| L56 | 5481 | heatsink heatspreader | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 21:39 |
| L57 | 574 | 54 and (55 56) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 21:51 |
| L58 | 31724 | intel.as. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 21:52 |
| L59 | 80 | 54 and 58 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 21:56 |

EAST Search History

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| L60 | 84 | "6054198" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 22:28 |
| L61 | 12 | "6597575" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 22:44 |
| L62 | 4 | "6841867" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 23:38 |
| L63 | 23419 | thermal with interface | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 23:38 |
| L64 | 165645 | phase with change | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 23:39 |
| L65 | 43537 | 63 TIM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 23:39 |
| L66 | 201602 | 64 PCM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 23:39 |
| L67 | 2906 | 65 and 66 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 23:40 |
| L68 | 3253 | bare with die | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 23:40 |
| L69 | 1803 | bare near die | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 23:40 |

EAST Search History

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| L70 | 27 | 67 and 69 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 23:42 |
| L71 | 97988 | heat near (sink spreader) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 23:42 |
| L72 | 99430 | 69 71 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 23:42 |
| L73 | 361 | 69 and 71 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 23:43 |
| L74 | 45 | 73 and 66 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/24 23:43 |